## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	38	kraus-martin.in.	US-PGPUB; USPAT	OR	ON	2011/03/08 21:47
S1	2	("5418298" "6358486").pn.	USPAT	OR	OFF	2007/04/27 16:25
S2	1	"20040029729"	US-PGPUB	OR	OFF	2007/04/27 16:54
S3	1	"20050164870"	US-PGPUB	OR	OFF	2007/04/27 17:05
S4	1	"20020074263"	US-PGPUB	OR	OFF	2007/04/27 17:05
S5	1	"20030147805"	US-PGPUB	OR	OFF	2007/04/27 17:05
S6	11248	complex\$8 same decompos\$4	US-PGPUB; USPAT	OR	ON	2007/05/11 16:12
S7	814	complex\$8 same decompos\$4 and zeolite	US-PGPUB; USPAT	OR	ON	2007/05/11 16:18
S8	12	complex\$8 same decompos\$4 and zeolite and ((inorganic with oxide) same (amine))	US-PGPUB; USPAT	OR	ON	2007/05/11 16:18
S9	3939	((inorganic with oxide) same (amine))	US-PGPUB; USPAT	OR	ON	2007/05/11 16:19
S10	455	((inorganic with oxide) same (amine)) and zeolite	US-PGPUB; USPAT	OR	ON	2007/05/11 16:22
S11	66	((inorganic with oxide) same (amine)) and zeolite and microporous	US-PGPUB; USPAT	OR	ON	2007/05/11 16:38
S12	685	((inorganic with oxide) and (amine)) and glycol and microporous	US-PGPUB; USPAT	OR	ON	2007/05/12 16:13
S13	206	((inorganic with oxide) and (amine)) and glycol and microporous and hydrolysis	US-PGPUB; USPAT	OR	ON	2007/05/12 16:23
S14	1	"4859648".pn.	US-PGPUB; USPAT	OR	ON	2007/05/12 16:23
S15	10	"648.1" and silicon with porous\$4	USPAT	OR	ON	2007/05/23 10:21
S16	8	423/648.1.ccls. and silicon with porous\$4	USPAT	OR	ON	2007/05/23 10:21
S17	0	423/644.ccls. and (silicon with porous\$4)	USPAT	OR	ON	2007/05/23 10:21
S18	1	423/644.ccls. and (silicon with porous\$4)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:30
S19	0	423/644.ccls. and (silicon with membrane)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:30
320	0	423/644.ccls. and (silicon same membrane)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:30
 S21	148	"423"/\$.ccls. and (silicon same membrane)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:23
S22	27	shan-zhiping.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:41

S23	1	gao-xintao.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 13:52
S24	0	chuen-yeh.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:41
S25	0	yeh-chuen.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:42
S26	50	yeh-chuen-y.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:42
S27	32	S26 not S22	US-PGPUB; USPAT	OR	ON	2007/05/23 12:42
S28	0	angevine-philip.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:43
S29	79	angevine-philip-j.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:43
S30	23	kraus-martin.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 12:43
S31	5	gao-xingtao.in.	US-PGPUB; USPAT	OR	ON	2007/05/23 13:52
S32	43218	triethanolamine	USPAT	OR	OFF	2007/11/28 13:13
S33	18856	triethanolamine and "ethylene glycol"	USPAT	OR	OFF	2007/11/28 13:13
S34	25	triethanolamine and "ethylene glycol" and mesopor\$7	USPAT	OR	OFF	2007/11/28 13:20
S35	88	triethanolamine and "ethylene glycol" and mesopor\$7	US-PGPUB; USPAT	OR	OFF	2007/11/28 13:22
S36	8	(complex\$4 same triethanolamine) and "ethylene glycol" and mesopor\$7	US-PGPUB; USPAT	OR	OFF	2007/11/28 13:22
S37	8	(complex\$4 same (tri-isopropanolamine tripropanolamine tris-hydroxymethyleneaminomethane "N,N-demethylethanolamine" triethanolamine)) and "ethylene glycol" and mesopor\$7	US-PGPUB; USPAT	OR	OFF	2007/11/28 13:24
S38	8	(complex\$4 same (tri-isopropanolamine tripropanolamine tris- hydroxymethyleneaminomethane "N,N- demethylethanolamine" triethanolamine)) and "ethylene glycol" and mesopor\$7	US-PGPUB; USPAT	OR	ON	2007/11/28 13:26
S39	1646	(complex\$4 same (tri-isopropanolamine tripropanolamine tris- hydroxymethyleneaminomethane "N,N- demethylethanolamine" triethanolamine)) and "ethylene glycol"	US-PGPUB; USPAT	OR	ON	2007/11/28 13:27
S40	185	(complex\$4 same (tri-isopropanolamine tripropanolamine tris- hydroxymethyleneaminomethane "N,N- demethylethanolamine" triethanolamine)) and "ethylene glycol" and porous	US-PGPUB; USPAT	OR	ON	2007/11/28 13:27
S41	15	("3959174"   "5057296"   "5098684"   "5102643"   "5538710"   "5622684"   "5672556"   "5795555"   "5849258").PN. OR ("6358486"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/16 19:51
S42	1	"7211238".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/16 19:55

S43	19	("3959174"   "5057296"   "5098684"   "5102643"   "5108725"   "5110572"   "5191134"   "5191148"   "5264203"   "5374747"   "5622684"   "5672556"   "5707917"   "5795555"   "5811599"   "5849258"   "5948683"   "6133186"   "6358486").PN. OR ("6930219"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 16:21
S44	15	("3959174"   "5057296"   "5098684"   "5102643"   "5538710"   "5622684"   "5672556"   "5795555"   "5849258").PN. OR ("6358486"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 16:21
S45	11	S43 not S44	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 16:21
S46	16	("3959174"   "5057296"   "5098684"   "5102643"   "5538710"   "5601798"   "5622684"   "5672556"   "5795555"   "5811612"   "5840271"   "5849258"   "5919430"   "6358486").PN. OR ("6814950").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 18:40
S47	24	S46 not S44 S43	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 18:41
S48	6	S46 not S44	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 18:41
S49	18	("20020131930"   "5057296"   "5098684"   "5108725"   "5110572"   "5191134"   "5191148"   "5221648"   "5264203"   "5601798"   "5800800"   "5811612"   "5849258"   "6133186"   "6346140"   "6558647"   "6762143"   "6814950").PN. OR ("7084087").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 19:17
S50	9	S49 not S43	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 19:17
S51	198	423/702.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:28
S53	71	423/702,705,709,710.ccls. and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:34
S54	595	423/702,705,709,710.ccls. and silicon and aluminum	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:36
S55	81522	"N,N-dimethylethanolamine" "tris- hydroxymethyleneaminomethane" "triethanolamine" "tri-isopropanolamine" "tripropanolamine"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:38
S56	52	S54 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:38
S57	335286	"triethylene glycol" "propylene glycol" "tetrapropylene glycol" "tripropylene glycol" "tetraethylene glycol" "ethylene glycol"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:41
S58	3	S57 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:41
S59	145	423/702,705,709,710.ccls. and mesopor\$	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:44

S60	119	423/702,705,709,710.ccls. and mesopor\$ and aluminum and silicon	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:44
S61	8	S60 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 19:45
S62	1	"5296208".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 20:13
S63	23	423/702,705,709,710.ccls. and recycl\$ with templat\$	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 20:17
S64	2	423/702,705,709,710.ccls. and recycl\$ with templat\$ same dissolv\$ with water	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/17 20:18
S65	44	423/702,705,709,710.ccls. and "ethylene glycol"	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/18 12:32
S66	4	("4440871" "4861743" "5096684" "5126308"). pn.	USPAT	OR	OFF	2009/04/06 20:24
S67	958	423/702,705,709,710.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/06 20:08
S68	958	423/702,705,709,710.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/07 14:05
S69	1	"6809055".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/07 16:58
S70	1	"20020111522"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/07 16:58
S71	28	423/702,705,709,710.ccls. and magnesium near2 oxide	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/08 15:37
S72	993	423/702,705,709,710.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 11:42
S73	170	423/702,705,709,710.ccls. and mesopor\$	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 11:42
S74	293	423/702,705,709,710.ccls. and organic with ((pore adj form\$3) template)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 14:09
S75	36	shan-zhiping.in.	US-PGPUB; USPAT	OR	ON	2010/10/24 18:37
S76	1	gao-xintao.in.	US-PGPUB; USPAT	OR	ON	2010/10/24 19:05
S77	0	chuen-yeh.in.	US-PGPUB; USPAT	OR	ON	2010/10/24 19:05
S78	0	chuen-yeh-y.in.	US-PGPUB; USPAT	OR	ON	2010/10/24 19:06
S79	59	Yeh-Chuen-Y.in.	US-PGPUB; USPAT	OR	ON	2010/10/24 19:06
S80	29	Yeh-Chuen-Y.in. and meso\$	US-PGPUB; USPAT	OR	ON	2010/10/24 19:06

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S81	36	S79 not S75	US-PGPUB; USPAT	OR	ON	2010/10/24 19:06
S82	93	Angevine-Philip-J.in.	US-PGPUB; USPAT	OR	ON	2010/10/24 19:32
S83	65	S82 not S79	US-PGPUB; USPAT	OR	ON	2010/10/24 19:32
S84	60	S83 not S75	US-PGPUB; USPAT	OR	ON	2010/10/24 19:32
S85	34	kraus-martin.in.	US-PGPUB; USPAT	OR	ON	2010/10/24 19:43
S86	29	S85 not S75	US-PGPUB; USPAT	OR	ON	2010/10/24 19:44
S87	29	S86 not S82	US-PGPUB; USPAT	OR	ON	2010/10/24 19:44
S88	1	"7151073".pn.	USPAT	OR	OFF	2011/03/05 15:40
S89	57	("2852721"   "2951816"   "3324095"   "3324101"   "3474080"   "3484428"   "3622522"   "3623846"   "3642749"   "3704287"   "3715321"   "3780011"   "3806500"   "3882096"   "3985676"   "4143223"   "4220555"   "4224185"   "4359562"   "4467080"   "4711710"   "4914254"   "4926004"   "4967030"   "4990718"   "4996384"   "5015795"   "5019670"   "5057296"   "5087782"   "5105039"   "5105051"   "5132477"   "5145816"   "5146021"   "5211934"   "5220101"   "5270273"   "6096679"   "6245869"   "6300272").PN. OR ("7151073"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/05 15:40
S90	1009	423/702,705,709,710.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/05 16:03
S91	36	shan-zhiping.in.	US-PGPUB; USPAT	OR	ON	2011/03/05 16:45
S92	1	gao-xintao.in.	US-PGPUB; USPAT	OR	ON	2011/03/05 16:45
S93	59	Yeh-Chuen-Y.in.	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S94	36	shan-zhiping.in.	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S95	59	Yeh-Chuen-Y.in.	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S96	93	Angevine-Philip-J.in.	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S97	65	S96 not S95	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S98	60	S97 not S94	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S99	38	kraus-martin.in.	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S100	33	S99 not S94	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46
S101	33	S100 not S96	US-PGPUB; USPAT	OR	ON	2011/03/05 16:46

\$102	59	Yeh-Chuen-Y.in.	US-PGPUB;	OR	ON	2011/03/05	
			USPAT			17:27	

## EAST Search History (Interference)

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## 3/8/2011 9:47:56 PM

 $\textbf{C:} \ \textbf{Documents and Settings: pwartalowicz: My Documents: EAST: Workspaces: 10764797.wsp } \\$